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8-2017

## Beyond Theatres : Issue 2, 2017

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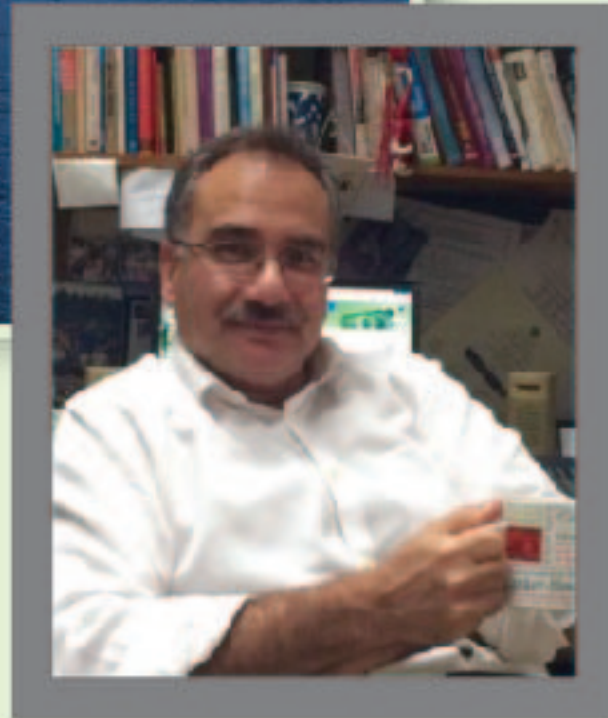
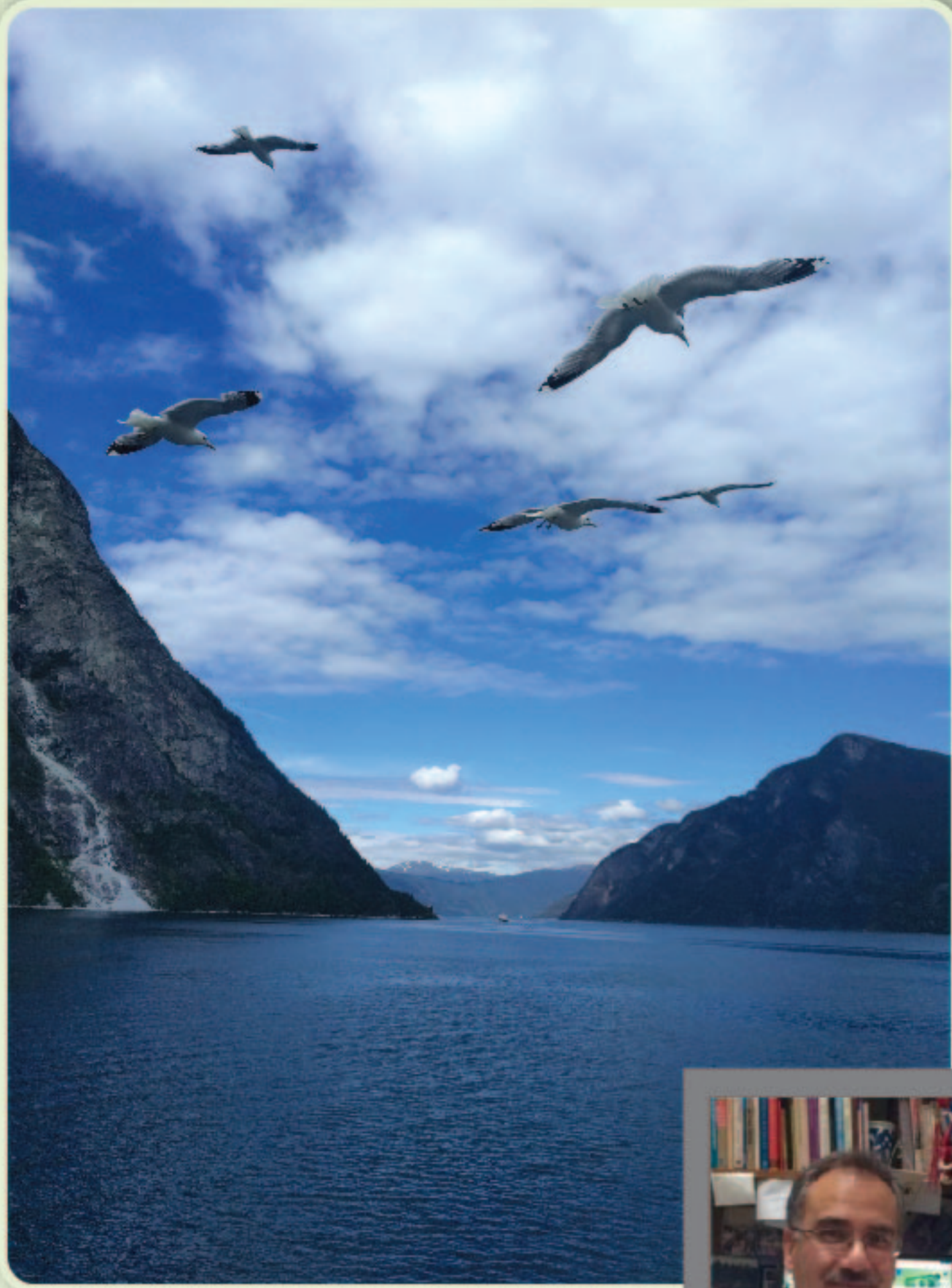
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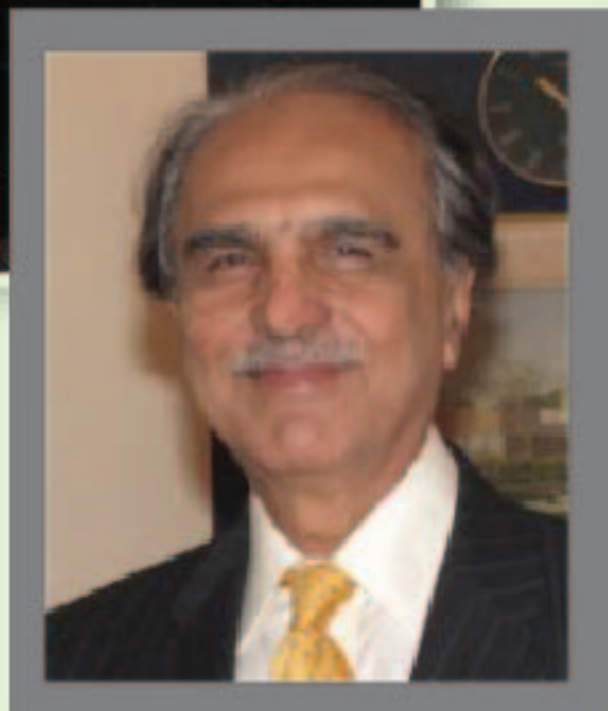








**Back Page:**  
***Captured by: Aamir Jafarey***



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***Captured by: Iftikhar Salahuddin***







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# Editorial

Dear Readers,

I once again, very proudly present to you our Bi-annual Newsletter, initially known as the Cutting Edge, the front cover of which is featured in our Down the Memory Lane segment. This is a very special issue for us, for it is to be distributed to all our guests and participants of the Annual Surgical Meeting. It is also special, for we are launching our first Department of Surgery publication related to medical humanities, The Struggle Within – Stories of Battles against Cancer, which I had the pleasure to co-edit.

In this issue, you will find a detailed Book Review by Amir Shariff, an interesting Surgery Through the Ages report on the origin of Bovie monopolar by me, and a pictorial travelogue by Aneela Darbar. There are a few lovely photographic submissions by Riaz Lakdawala, and Inam Pal, and finally the issue summarizes the activities of the department over the last six months, including the seminars, symposia, promotions, appointments, awards, accolades, picnics, gatherings, travels, the annual day celebrations and the PGME convocation. There are plenty of photographs, as the phrase attributed to Napoleon Bonaparte goes, 'A good sketch is better than a long speech.' However, these are only a handful of the many submissions we received. The drawback of the newsletter developing from 'Cutting Edge', to a cutting edge publication, is that we can only accept high quality photographs to comply with our publishers requirements. So what you see inside is only a reflection of the activities carried out within this dynamic department that we belong to.

We thank all of those who have contributed in this issue. We also thank all our friends for the positive feedbacks on last issue and hope to continue hearing from you.

Happy reading



M Shahzad Shamim | Chair, Newsletter Committee



# Workshop, Courses and Symposia

August 27, 2017

Retreat - Department of Surgery





# Retreat - Department of Surgery





## Live Vitreo-Retinal Surgery Telecast



Director: Rehman Siddiqui | August 17, 2017

## Refractive Surgery Workshop



Director: Sharmeen Akram | August 17, 2017

## Fundus Simulator Training



Director: Irfan Jeeva | August 17, 2017



## Workshop on Retinal Surgery Eyesi Simulation



Director: Rehman Siddiqui | August 17, 2017

## Neuro-Oncology Symposium



Director: Shahzad Shamim – Coordinator: Altaf Ali Laghari | September 16, 2017

## Basic Surgical Skills Workshop for Interns



Director: Aamir Shariff – Coordinators: Fazl ur Rehman & Moghira Iqbal  
September 23, 2017



# 6th Urology Week 2017

## Hands on **Training** Workshops:

Urethroplasty – live surgery | HoLep- on high fidelity simulator | Renal transplant –biological tissue  
TURBT- on high fidelity simulator | Urinary diversion –biological tissue | TURP-on high fidelity simulator



Director: Hammad Ather | September 18-22, 2017



## Conceptual Basis of Urology Course



Director: Hammad Ather | September 23-24, 2017

## Hand Surgery Course



Director: Pervaiz Hashmi – Coordinators: Haroon ur Rashid & Rizwan Haroon  
October 8-9, 2017



## Gastrointestinal Anastomosis Skills Workshop



Director: Aamir Shariff – Coordinator: Jehangir Farmanali | October 14, 2017

## Mini-Symposium on Deep Brain Stimulation



Director: Ather Enam – Coordinator: Muhammad Waqas | November 09, 2017



# 3rd Annual Neuroscience Conference

On Building Bridges

## Through Neuroscience



Director: Ather Enam | October 28, 2017

## Valve Sparing Workshop



Director: Shahid Sami | November 3, 2017



## Vascular Workshop on EVAR



Director: Nadeem Siddiqui | November 3, 2017

## Symposium on Biliary Atresia



Director: Saqib Qazi | December 7, 2017



# 4th Annual Conference

## Pak Association of **Dental Research** (PADR)



Director: Farhan Raza Khan | December 8-10, 2017



## ENT - Master Class UK



Directors: Mumtaz Khan & Mubasher Ikram | December 08, 2017

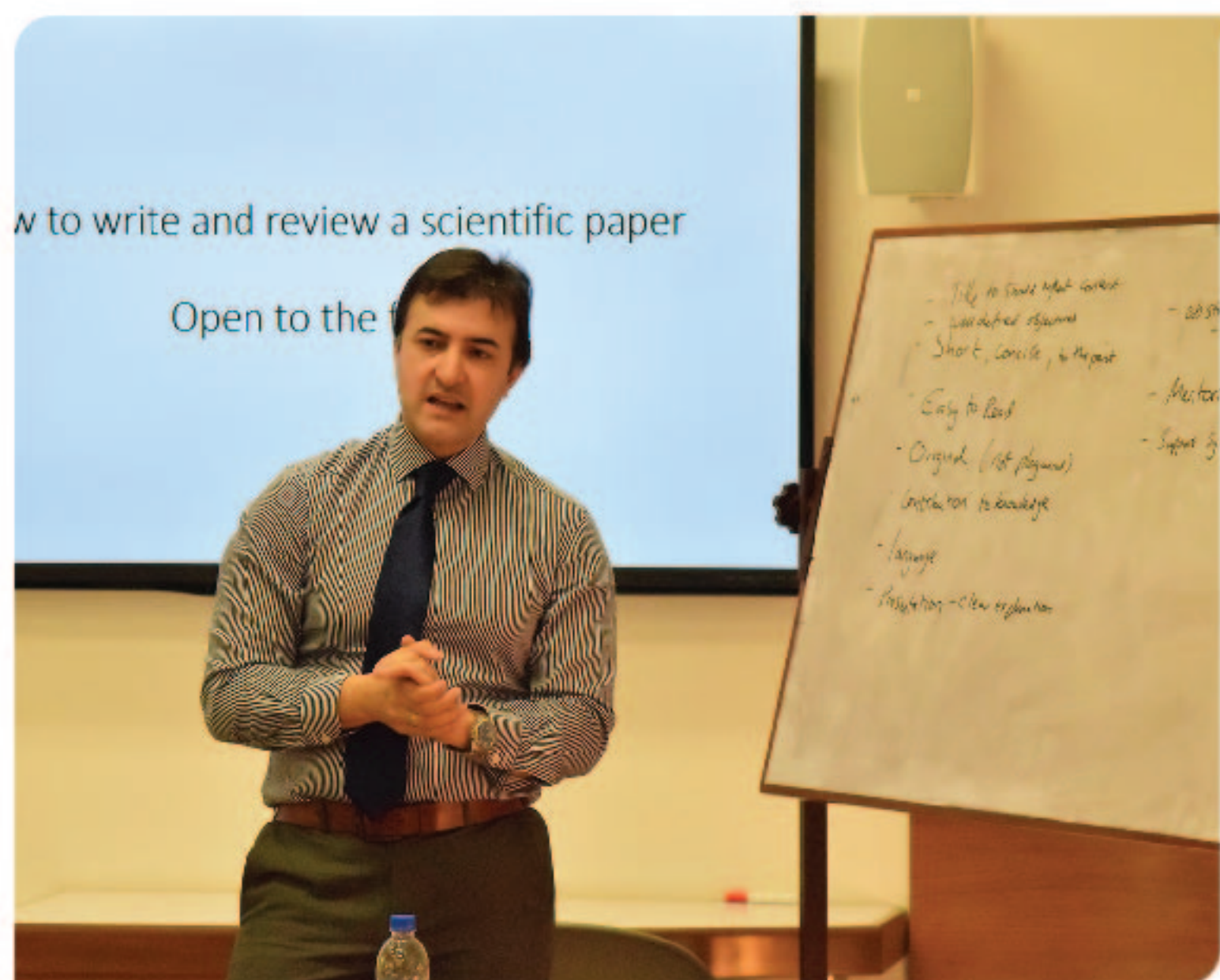
## Mini-Symposium on Vagus Nerve Stimulation



Director: Aneela Darbar | December 11, 2017



## How to Write & Review a Scientific Paper



Facilitator: Riaz Agha | December 22, 2017

## Research Certification Course



Director: Khabir Ahmad | Every Friday Oct-Dec 2017

## 1st Professor Farhat Moazam's Surgical Grand Round Quiz



Champion: Umer Bhatti



# Faculty Reaching Out

Faculty	Event	Venue
<b>Breast Surgery</b>		
Abida Sattar	St.Gallen Oncology Conferences) & BCC 2017	Vienna, Austria
Abida Sattar	American Society of Breast Surgeons Meeting	Las Vegas, USA
Nazia Riaz	Aurora Health Care Training & Educational Partnership	Milwaukee, Wisconsin
Nazia Riaz	AACR Annual Meeting 2017	Washington, DC, USA
Nazia Riaz	Stem Cell Retreat at UCSF	Pacific Grove, CA
Shaista M. Khan	15th St. Gallen International Breast Cancer Conference	Vienna, Austria

Faculty	Event	Venue
<b>Cardiothoracic Surgery</b>		
Hasanat Shariff	AATS Mitral Conclave & AAT Centennial	New York, USA
Muneer Amanullah	4th Annual ELSO-SWAC Conference	Doha, Qatar
Muneer Amanullah	11th World Congress on Pediatric Cardiology and Congenital Cardiovascular Disease	Hampshire, UK
Muneer Amanullah	AKU Alumni Reunion	Hampshire, UK
Muneer Amanullah	APPS Meeting 2017	London, UK
Muneer Amanullah	7th World Congress of Pediatric Cardiology & Cardiac Surgery	Barcelona, Spain
Nadeem Siddiqui	2017 VEITH Symposium	New York, USA
Sulaiman Hasan	4th Annual ELSO-SWAC Conference	Doha, Qatar
Syed Shahabuddin	2017 Master Class on Aortic Valve Repair	Paris, France
Syed Shahabuddin	27th Annual Congress of The Association of Thoracic and Cardiovascular Surgeons of Asia	Melbourne, Australia
Waris Ahmad	Lean Sigma Healthcare Training	Dubai, UAE

Faculty	Event	Venue
<b>Dentistry</b>		
Ali Sadiq	Quintessential Course 2017	London, UK
Dinaz Ghandhi	British Association of Oral & Maxillofacial Surgeons	Birmingham, UK
Dinaz Ghandhi	4th Bangkok International Symposium of Implant Dentistry	Thailand, Bangkok
Fahad Umer	21st UAE International Dental Conference & Arab Dental Exhibition	Dubai, UAE
Fahad Umer	Continuing Educational International Visiting Scholar Program	Philadelphia, USA
Faisal Qayyum	21st UAE International Dental Conference & Arab Dental Exhibition	Dubai, UAE
Faisal Qayyum	CBCT Training & CAD/CAM Conference 2017	Dubai, UAE
Faisal Qayyum	39th Asia Pacific Dental & Oral Congress	Osaka, Japan
Faisal Qayyum	9th Dental Facial Cosmetic Conference & Exhibition	Dubai, UAE
Farhan Raza Khan	Dentistry Show 2017	Birmingham, UK



# Faculty Reaching Out

Farhan Raza Khan	Scottish Dental Show	Glasgow, UK
Farhan Raza Khan	26th Meeting of The European Association for Osseo integration	Madrid, Spain
Farhan Raza Khan	10th Annual SOFIA Dental Meeting	Sofia, Bulgaria
Mubassar Fida	AOSC 2017	Singapore
Mubassar Fida	21st. UAE International Dental Conference & Arab Dental Exhibition	Dubai, UAE
Mubassar Fida	2017 AAO Meeting	San Diego, USA
Mubassar Fida	Lean Sigma Healthcare Training	Dubai, UAE
Mubassar Fida	50th Anniversary KAO 2017	Seoul, Korea
Robia Ghafoor	95th General Session & Exhibition of The IADR + 46th Annual Meeting of The AADR & 41st Annual Meeting of the CADR	California USA
Robia Ghafoor	31st AO Annual Meeting	Orlando, USA
Robia Ghafoor	CBCT Training	Dubai, UAE

Faculty	Event	Venue
<b>General Surgery</b>		
Amir Shariff	22nd World Congress IFSO 2017	London, UK
Amir Shariff	SKMC, Abu Dhabi, UAE	Abu Dhabi, UAE
Hasnain Zafar	Laparoscopic Colorectal Workshop	Istanbul, Turkey
Inam Pal	ACS Clinical Congress 2017	San Diego, USA
Rizwan Khan	12th Biennial E-AHPBA Congress 2017	Mainz, Germany
Rizwan Khan	29th Conf. of Int. Soc. For Med. Innovation and Technology	Torino, Italy
Safdar Shaikh	International Conference of Super microsurgery	Jinan, China
Tabish Chawla	Society of American Gastrointestinal and Endoscopic Surgeons Annual Congress	Houston, USA
Tabish Chawla	Excellence In Healthcare 2017 - RCS Glasgow	Glasgow, UK
Tabish Chawla	22nd World Congress - IFSO 2017	London, UK
Tabish Chawla	SKMC, Abu Dhabi, UAE	Abu Dhabi, UAE
Tahir Shafi Khan	The Aesthetic Meeting 2017	San Diego, USA

Faculty	Event	Venue
<b>Neurosurgery</b>		
Aneela Darbar	XVI World Congress of Neurosurgery WFNS 2017	Istanbul, Turkey
Aneela Darbar	Walter Dandy Society Neurosurgical Conference	St. Louis, USA
Aneela Darbar	IFNE 2017 Meeting	Cape Town, South Africa
Ehsan Bari	AO Neuro Course – Neuro-Trauma	Davos, Switzerland
Rashid Jooma	American Association Of Neurological Surgeons Annual Meeting In Los Angeles	Los Angeles, USA
Rashid Jooma	National Hospital For Nervous Disease, Queen's Square	London, UK
Shahzad Shamim	XVI World Congress of Neurosurgery WFNS 2017	Istanbul, Turkey
Shahzad Shamim	IFNE 2017 Meeting	Cape Town, South Africa
Shahzad Shamim	AO Neuro Course – Neuro-Trauma	Davos, Switzerland



# Faculty Reaching Out

Shahzad Shamim	Nobel Institute of Neurosciences Annual Neurosurgery, Nobel Medical College and Teaching Hospital	Biratnagar, Nepal
Syed Ather Enam	2017 AANS Annual Scientific Meeting	Los Angeles, USA
Syed Ather Enam	19th International AEK Cancer Congress 2017	Heidelberg, Germany
Syed Ather Enam	World Congress Of Neurosurgery WFNS 2017	Istanbul, Turkey

Faculty	Event	Venue
<b>Ophthalmology</b>		
A. Maqsood Burq	ASCRS - ASOA Symposium & Congress	Los Angeles, USA
A. Maqsood Burq	AAO 2017	New Orleans, USA
Irfan Jeeva	Leeds University	Leeds, UK
Irfan Jeeva	Refractive Training Program	Dubai, UAE
Irfan Jeeva	2nd Annual Mena Ophthalmology Congress	Doha, Qatar
Irfan Jeeva	International Journal Of Oncology Meeting	London, UK
Irfan Jeeva	XXXV Congress of The ESCRS 2017	Portugal, Spain
P. B. Salim Mahar	32nd Annual Conference - Asia Pacific Academic of Ophthalmology	Singapore
P. B. Salim Mahar	7th World Glaucoma Congress	Helsinki, Finland
P. B. Salim Mahar	XXXV Congress Of The ESCRS 2017	Portugal, Spain
P. B. Salim Mahar	Ophthalmic Update Conference - 2017	Beirut, Lebanon
Rashid Baig	3rd Red Sea Ophthalmology Symposium 2017	Saudi Arabia
Rashid Baig	17th ESASO Retina Academy 2017 & ESASO	Berlin, Germany
Rehman Siddiqui	17th EURETINA Congress	Barcelona, Spain
Sharmeen Akram	International Refractive Conference	Dubai, UAE
Sharmeen Akram	Advanced Refractive Surgery Training	Dubai, UAE
Sharmeen Akram	32nd Annual Conference - Asia Pacific Academic of Ophthalmology	Singapore
Sharmeen Akram	XXXV Congress of The ESCRS 2017	Portugal, Spain
Shaukat Ali Chhipa	17th ESASO Retina Academy Congress & ESASO Graduating Ceremony	Berlin, Germany
Shaukat Ali Chhipa	17th Global Ophthalmology, Optometry and Glaucoma Conference	Bangkok, Thailand
Shaukat Ali Chhipa	2nd International Society Of Glaucoma Surgery	Geneva, Switzerland
Tanveer A. Chaudhry	Refractive Training Program	Dubai, UAE
Tanveer A. Chaudhry	7th World Glaucoma Congress	Helsinki, Finland
Tanveer A. Chaudhry	Congress of The ESCRS 2017	Portugal, Spain

Faculty	Event	Venue
<b>Orthopaedics</b>		
Haroon Ur Rashid	Clinical Congress 2017	San Diego, USA
Masood Umer	19th International Society of Limb Salvage General Meeting	Kanazawa, Japan
Masood Umer	Advanced Instructional Trauma Course - Kanchui - A Medtronic Company	Stellenbosch, South Africa
Mujahid Jamil	Lyon Hip Arthroplasty	Lyon, UK
Naveed Juman	FAIMER - KEELE University, Staffordshire	Staffordshire, UK



# Faculty Reaching Out

Naveed Juman	Arthroscopy Course	Rosemont, Ill, USA
Naveed Juman	AO Trauma Masters Course-Complications	Dubai, UAE
Pervaiz Hashmi	AAOS 2017 Meeting	San Diego, USA
Rizwan Haroon	Lean Sigma Healthcare Training	Dubai, UAE
Shahryar Noordin	34th Annual San Diego Shoulder Course	San Diego, USA
Shahryar Noordin	Fundamentals In Arthroscopy - Arthroscopy Association of North America	Chicago, USA
Tashfeen Ahmad	American Academy Of Orthopaedic Surgeons	San Diego, USA
Tashfeen Ahmad	Orthopaedic Research Society	San Diego, USA
Tashfeen Ahmad	AO trauma Masters Course-Complications	Dubai, UAE
Yasir Mohib	Russian Ilizarov Scientific Centre	Kurgan, Russia

Faculty	Event	Venue
<b>Otolaryngology – Head &amp; Neck Surgery</b>		
Moghira Siddiqui	Netherlands Cancer Institute	Netherlands, Amsterdam
Mubasher Ikram	The 12th London Head And Neck Dissection Course 2017	London, UK
Mubasher Ikram	ENT Summit 2017	Colombo, Sri Lanka
Mubasher Ikram	87th Annual Meeting of The American Thyroid Association	Victoria, BC, Canada
Mumtaz Khan	13th Annual Int. ENT Masterclass	London, UK
Mumtaz Khan	2nd ENT Masterclass - China	Beijing, China
Mumtaz Khan	AAO-HNSF Annual Meeting & OTO Experience	Chicago, USA
Mumtaz Khan	Head & Neck Master Class	Dubai, UAE
Shabbir Akhtar	The Royal Marsden NHS Foundation Trust	Sutton, UK
Sohail Awan	International Conference on Aesthetic Medicine and ENT	Kuala Lumpur, Malaysia
Sohail Awan	4th South Pacific ORL Forum	Honolulu, Hawaii

Faculty	Event	Venue
<b>Paediatric Surgery</b>		
Arif Mateen Khan	NASPGHAN 2017	Las Vegas, NV
Mohd. Arshad	APSA 2017	Florida, USA
Saqib Hamid Qazi	IRCAD / EITS 2017 Meeting	Strasbourg, France
Saqib Hamid Qazi	12th International Primary Hyperoxaluria Workshop	Tenerife, Spain
Saqib Hamid Qazi	Asian Intussusception Surveillance Network Meeting (	Kathmandu, Nepal
Saqib Hamid Qazi	IPEG'S 26th Annual Congress For Endoscopy In Children	London, England
Shabbir Hussain	BAPS 2017 Meeting	London, UK
Zafar Nazir	SPU 65th Annual Meeting	Boston, USA

Faculty	Event	Venue
<b>Research</b>		
Syed Adnan Ali	2nd International Conference on Bio Science and Biotechnology – 2017	Colombo, Sri Lanka



# Faculty Reaching Out

Faculty	Event	Venue
<b>Urology</b>		
Amanullah Memon	EAU 2017	London, UK
Amanullah Memon	37th Congress of SIU 2017	Lisbon, Portugal
Farhat Abbas	37th Congress of SIU 2017	Lisbon, Portugal
M. Hammad Ather	3rd Conference Experts In Stone Disease	Dubai, UAE
M. Hammad Ather	The Urology Foundation Centre of Robotic Training	Newcastle, UK
M. Hammad Ather	International Urology Meeting	Berlin, Germany
M. Hammad Ather	Eau Congress - Update on Stone Disease	Vienna, Austria
Nasir Sulaiman	Master Class of Men's Health And Ed Serious Implanters	Dubai, UAE
Nasir Sulaiman	EAU 2017	London, UK
Nasir Sulaiman	International Urology Meeting	Berlin, Germany
Nuzhat Faruqui	SUFU 2017 Winter Meeting	Arizona, USA
Nuzhat Faruqui	International Urology Meeting	Berlin, Germany
Nuzhat Faruqui	ICS 2017	Florence, Italy
Syed M. Nazim	EAU 2017	London, UK
Syed M. Nazim	International Urology Meeting	Berlin, Germany
S. Raziuddin Biyabani	AUA 2017	Boston, USA
S. Raziuddin Biyabani	35th World Congress of Endourology	Vancouver, Canada
Wajahat Aziz	EAU 2017	London, UK

# Faculty Reaching Out



Aneela Darbar and Shahzad Shamim with alumnus Anwar Ahmed at the faculty banquet in Cape Town



Ophthalmology Faculty & Residents together at KAROPHTH 2017 Conference, Karachi



# Faculty Reaching Out



Cardiothoracic team at 10 biennial conference at Lahore



Dinaz Ghandhi at British Association of Oral & Maxillofacial Surgeons in Birmingham, UK



Haroon ur Rashid at Hand Mini Ilizarov in Faisalabad



Shaukat Ali Chhipa at Advance Surgical Wetlab Course by International Society meeting, Geneva, Switzerland.



Masood Umer at 1st ASAMI Conference at Peshawar



Muhammad Nazim at attending Retrograde intra-renal (RIRS) surgery workshop at Berlin, Germany



# Faculty Reaching Out



Irfan Jeeva with Moketee Chief Ophthalmology, Leeds & Emmanuel Chief Retinal Service, Athens



Tabish Chawla at IFSO 2017 Congress, London, UK



Masood Umer at Advanced Trauma Instructional Course, South Africa



Amir Shariff with Ikram Burney, Medical Oncologist



Haroon ur Rashid at Flexor Tendon Repair Techniques, Lahore



# Faculty Reaching Out



Amir Shariff at IFSO 2017 Congress, London, UK



Irfan Jeeva at Topo guided workshop in Lisbon



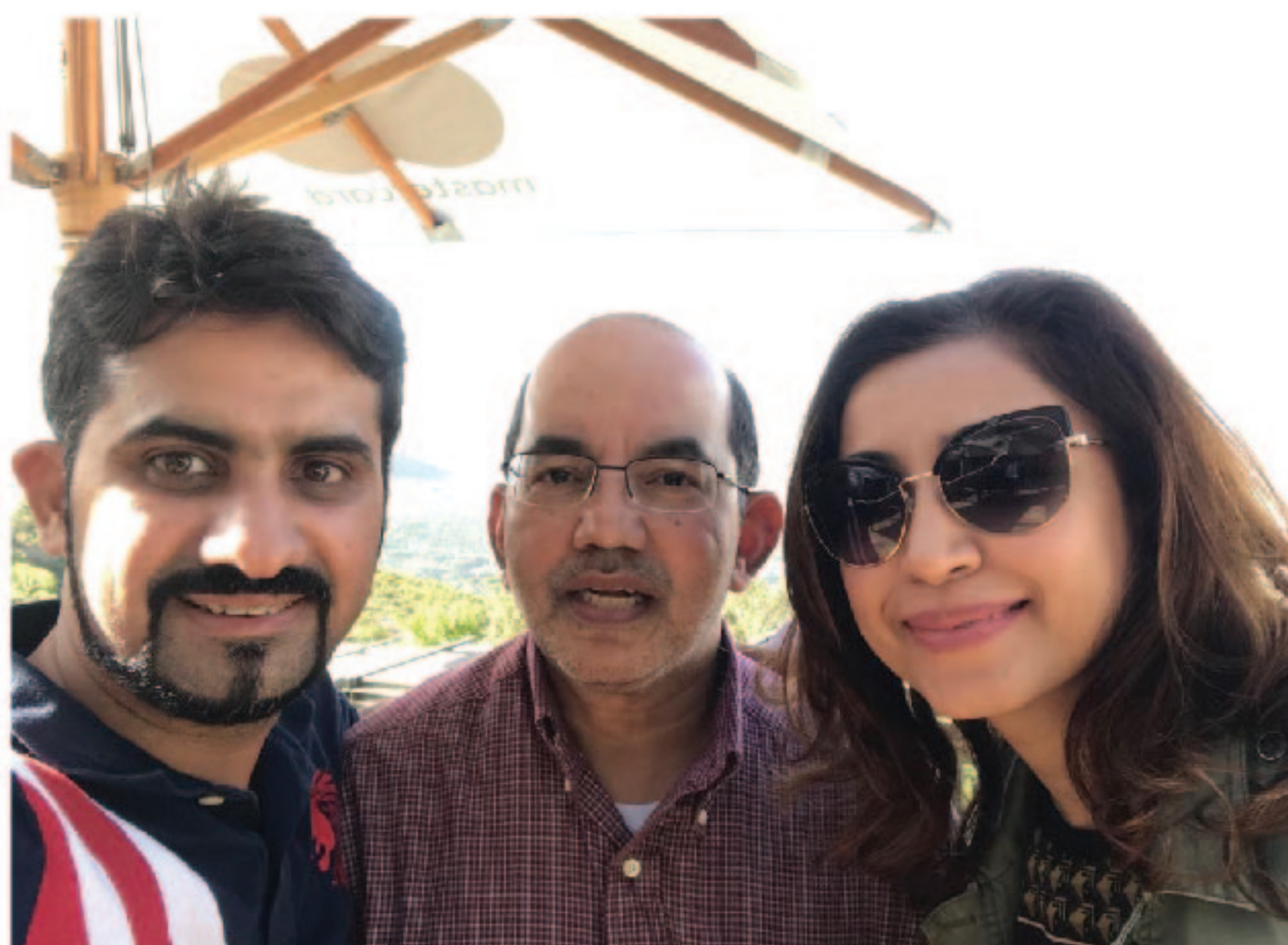
Imran Jalbani at 14th invasive bladder cancer course, Egypt



Sharmeen Akram at 38th KAROPHTH 2017 Conference, Karachi



Mujahid Jamil visited Johnson & Johnson wet lab in Hamburg, Germany



Shahzad Shamim & Aneela Darbar with Anwar Ahmed at World Congress of Neurosurgery WFNS 2017



# Faculty Reaching Out



Yasir Mohib at Russian Ilizarov Scientific Centre, Kurgan, Russia



Breast Cancer awareness week



Tabish Chawla & Amir Shariff with Midhat Siddique in London, UK



Masood Umer at Cadaver Course Sunskill, South Africa



Masood Umer at 1st Pak-Egypt ASAMI Conference, Peshawar



Aneela Darbar at Walter Dandy Society Meeting in St. Louis, USA



# Academic Visitors - International



**Mark Holterman**  
Pediatric Surgeon  
USA



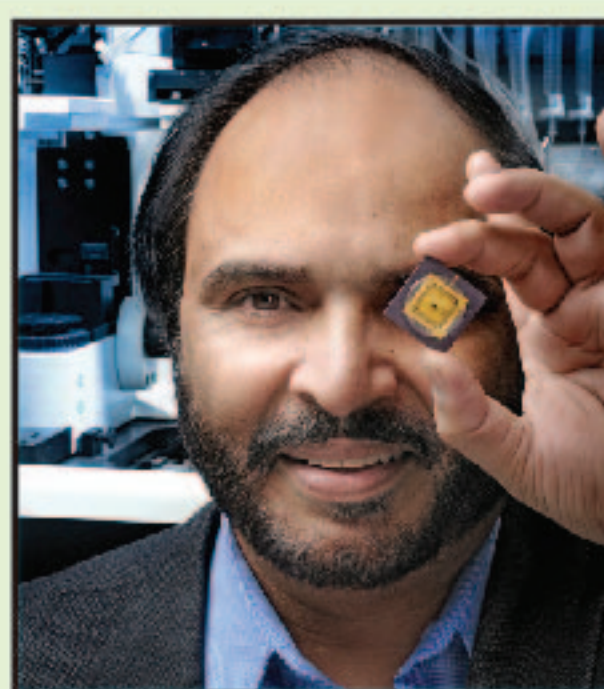
**Ai-Xuan Le Holterman**  
Pediatric Surgeon  
USA



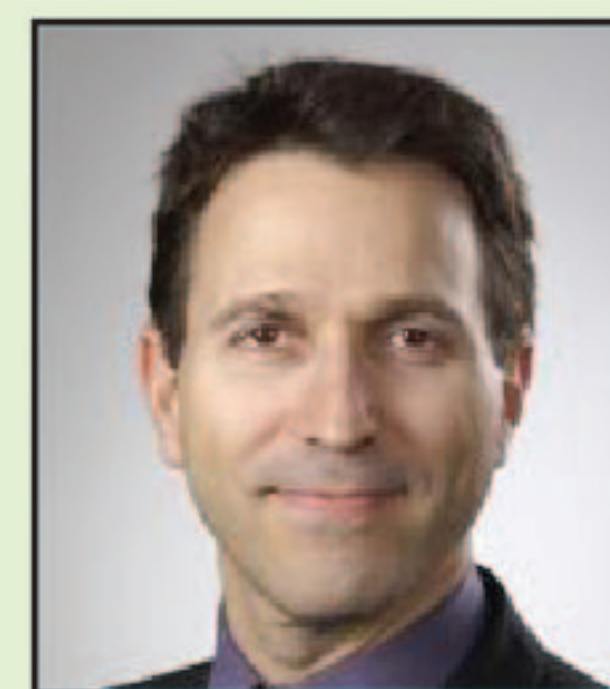
**Noor Buchholz**  
Urologist  
UAE



**Mazahir T. Hasan**  
Neuroscientist  
Spain



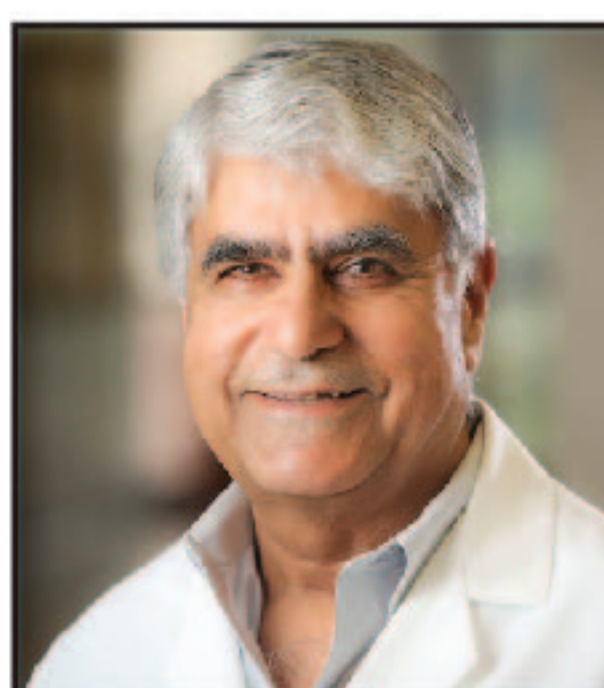
**Naveed Syed, T.I.**  
Neuroscientist  
Canada



**Paul Barach**  
Anesthesiologist  
USA



**Dev Desai**  
Pediatric Surgeon  
USA



**Saeed R. Khan**  
Urologist  
USA



**Dr Khalid Almas**  
Dentist  
KSA



**Avijit Banerjee**  
Dentist  
UK



**Allauddin Siddiqui**  
Dentist  
Australia



**Sobia Zafar**  
Dentist  
Australia



**Afsheen Tabasum**  
Dentist  
Australia



**Amir Ul Haq Khan**  
General Surgeon  
UK



**Sabri Aydin**  
Neurosurgeon  
UK



# Academic Visitors - International



**Talha Imam**  
General Surgeon  
USA



**Nael Mahmoud Mousa Hasan**  
Restorative Therapist  
Turkey



**Amjad Parvaiz**  
General Surgeon  
UK

## Welcome on Board



**Jan Ringers**  
Consultant  
Urology



**Mahim A. Malik**  
Assistant Professor  
Cardiac Surgery



**Rashna H. Sukhia**  
Assistant Professor  
Dentistry



**Saad Akthar Khan**  
Consultant  
Neurosurgery



**Sajida Qureshi**  
Consultant  
General Surgery



**Yasir Mohib**  
Consultant  
Orthopaedics



**Syed Mohammad Raza**  
Locum Consultant  
General Surgery



# Promotions



**Saulat Fatimi**  
Professor  
Cardithoracic Surgery



**Shahzad Shamim**  
Associate Professor  
Neurosurgery



**Farhan Raza Khan**  
Associate Professor  
Dentistry



**Naveed Juman**  
Assistant Professor  
Orthopaedics

# New Responsibilities



**Gohar Javed**  
Section Head  
Neurosurgery



**Hasanat Shariff**  
Section Head  
Cardiac Surgery



**Rizwan Khan**  
Associate Dean  
PGME



# Proud to Announce



**Shaukat Ali & Rashid Baig** received Diploma Superior Specialist in Ophthalmology equivalent to the Certificate of Advanced Studies in Ophthalmology from Swiss University Continuing Education



**Hasnain Zafar** received Honorary Diploma in Emergency Surgery from European Board of Surgery



**Rashna Hoshang Sukhia** received 'Master of Science degree in Epidemiology and Biostatistics at the Convocation 2017



**Shabbir Akhtar** received Outstanding Teacher Award at the Convocation 2017



**Shaista M. Khan** awarded Lifetime Achievement Award 2017 at the Annual Night Department of Surgery



**Inam Pal** awarded Surgeon of the Year 2017 Award at the Annual Night Department of Surgery



**Haroon ur Rashid** received Fellowship of American College of Surgeons 'FACS'





**Haroon ur Rashid** elected as General Secretary of Pakistan Orthopedic Association



**Shahid Sami** elected as Vice President of Pakistan Society of Cardiovascular & Thoracic Surgeons



**Hasanat Shariff** elected as Treasurer of Pakistan Society of Cardiovascular & Thoracic Surgeons



**Mubasher Ikram** elected as President of Pakistan Society of Otolaryngology



**Irfan Jeeva** elected as General Secretary Pakistan Ocuplastics Association



**Haroon ur Rashid** elected as President of Pakistan Society of Hand Surgery



**Nuzhat Faruqi** elected as President Pakistan Association of Urological Surgeons Karachi Chapter



**Sharmeen Akram** wrote for She Magazine for public awareness regarding myths and facts related to Lasik surgery.  
Website: [www.shemagazinepk.com/health/myth-busters-in-lasik-surgery](http://www.shemagazinepk.com/health/myth-busters-in-lasik-surgery)



# Travelogue



Aneela Darbar



Cape of good hope, the southernmost tip of continent Africa



Table top mountain



View of Cape Town from Table top mountain





# Residents' Corner

## Cleared IMM Examination



Jibran Abbasy  
General Surgery



M. Ammar Pirzada  
General Surgery



Fateh Ali Janjua  
Orthopedics



Marij Zahid  
Orthopedics



Ahsan Rafi  
Urology



Zehra Kazmi  
Urology



Tahir Shahab  
Neurosurgery



Hina Inam  
Cardiothoracic Surgery



Maheen Akhtar Syed  
Ophthalmology

## Cleared FCPS Examination



Muhammad Tariq  
Cardiothoracic Surgery



Muhammad Waqas  
Neurosurgery



Hussam Uddin Soomro  
Urology



Jamil Ahmed  
Urology



# Residents Reaching Out

Resident	Event	Venue
<b>General Surgery</b>		
Kashmala Amjad	7th World Congress of Surgery of the International Society of Surgery (ISS)	Basel, Switzerland
Muhammad Asad Moosa	7th World Congress of Surgery of the International Society of Surgery (ISS)	Basel, Switzerland
Amyna Shoukat Ali	European Colorectal Congress 2017	St. Gallen, Switzerland
<b>Neurosurgery</b>		
Naveed Zaman Akhunzada	WFNS XVI. World Congress of Neurosurgery	Istanbul, Turkey
Naveed Zaman Akhunzada	EANS2017 Congress	Venice, Italy
Faizuddin Najamuddin	International Basic Neurosurgery Course	Antalya, Turkey
Sanaullah Bashir	24th Advanced Techniques in Cervical Spine Decompression and Stabilization Workshop	St. Louis, USA
Saad Bin Anis	Intracranial Pressure Monitoring Course	Kuala Lumpur, Malaysia
<b>Ophthalmology</b>		
Maheen Akhter Syed	Turkey Ophthalmology Association 51st National Congress	Antalya, Turkey
<b>Orthopedic Surgery</b>		
Marij Zahid	40th Singapore Orthopedic Association Conference	Singapore
Zaid Shamsi	Australia and New Zealand Society for Vascular Surgeons 2017 Annual Scientific Conference	Perth, Australia
<b>Otolaryngology - Head &amp; Neck Surgery</b>		
Talha Ahmed Qureshi	World ENT Congress IFOS 2017	Paris, France
<b>Urology</b>		
Faisal Liaquat	SIU 2017	Lisbon, Portugal
Malik Aftab Younus	6th Emirates International Urological Conference	Abu Dhabi, UAE
Salman Jamil	6th Emirates International Urological Conference	Abu Dhabi, UAE

## Fellows

Resident	Event	Venue
<b>Vascular Surgery</b>		
Fareed Ahmed Sheikh	Vascular & Endovascular Issues, Techniques & Horizons	New York, USA
Fareed Ahmed Sheikh	ISVS 2017	Sibiu, Romania
<b>Neuro-oncology</b>		
Altaf Ali Laghari	6th Annual World Course in Advanced Brain Tumor Surgery	London, UK



# Residents Reaching Out

## Elective Rotations

Resident / Fellow	Elective Rotations	Venue
<b>Neurosurgery</b>		
Fauzan Alam Hashmi	Toronto General Hospital and Toronto Western Hospital	Toronto, Canada
<b>Orthopedic</b>		
Irfan Anwar	Ohio State University Wexner Medical Center	Ohio, USA
Obada Hussein Ali	Al-Baraha Hospital	Dubai, UAE
<b>Vascular Surgery</b>		
Fareed Ahmed Shaikh	Borgess Medical Center - Advanced Vascular Surgery	Michigan, USA



Fareed Shaikh at east meets west conference Sibiu Romania



Sabah Saqib at Sarawak Malaysia



Asad Moosa attending World Congress of Surgery in Basel, Switzerland



Saad Akhtar & Naveed Zaman Akhonzada at World Congress of Neurosurgery at Istanbul, Turkey



# Residents Reaching Out



Neurosurgery Residents with Ather Enam



Urology Residents with Noor Buchholz  
at Emirates International Urological  
Conference, UAE



Marij Zahid at Singapore Orthopedic Association  
Conference, Singapore



Mubasher Ikram & Irfan Jeeva with Residents



Fareed Shaikh with Vascular Surgeons at  
Borgess Medical Center, Michigan, USA



Saad Akhtar Khan & Naveed Zaman Akhonzada  
with Prof. Juha Herniesniemi at WFNS Congress  
in Turkey.



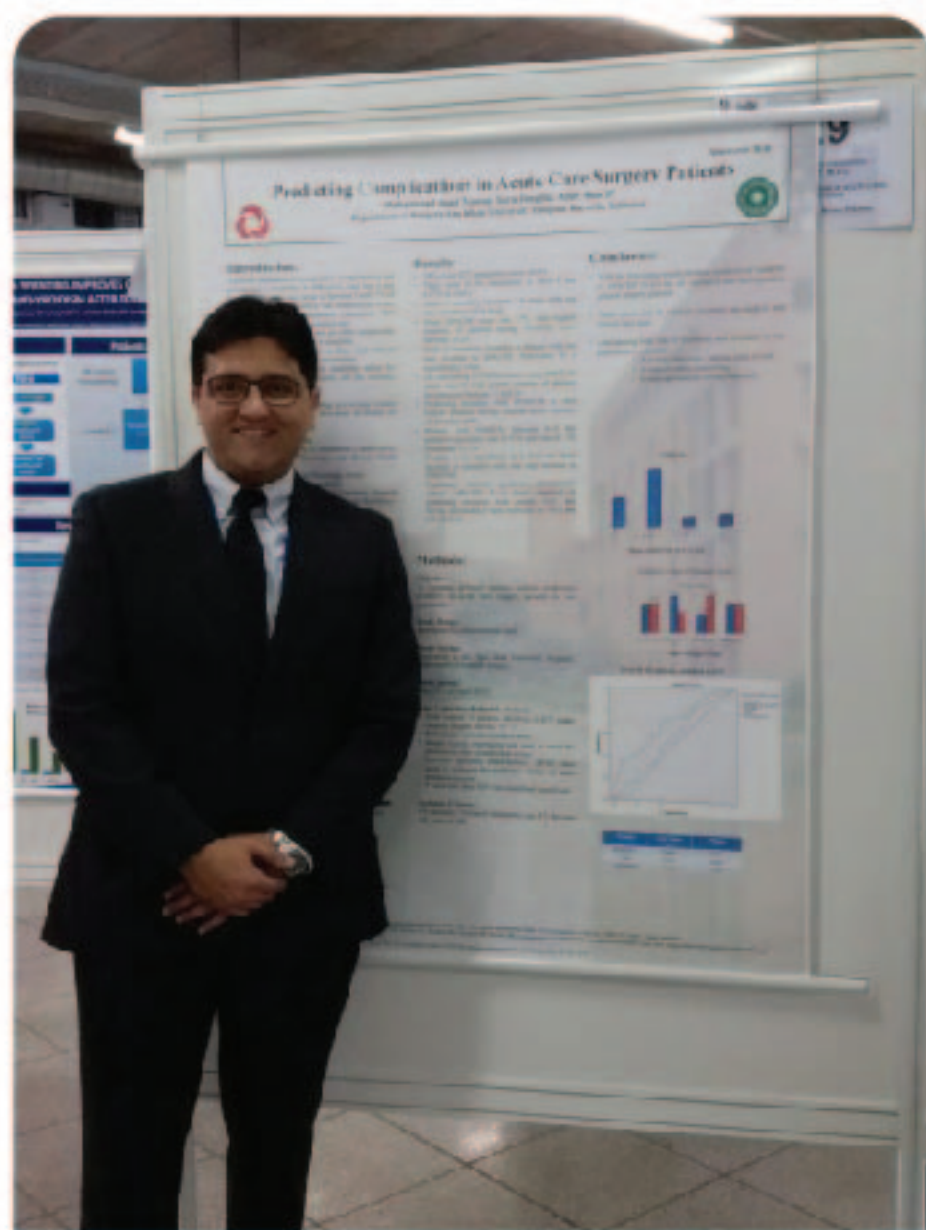
# Residents Reaching Out



Sharmeen Akram with Ophthalmology Residents at 38th Karophth 2017 Conference, Karachi



Saad Bin Anis at Kuala Lumpur, Malaysia



Asad Moosa at World Congress of Surgery in Basel, Switzerland



Residents at Departmental Annual Day



Maheen Akhter Syed at Turkey Ophthalmology Association 51st National Congress



Fareed Shaikh is with Faisal & OR technicians at Advanced Vascular Surgery Center, Michigan USA



# Graduates of Residency Program 2017



Muhammad Tariq  
Cardiothoracic Surgery



Amyna Shoukat Ali  
General Surgery



Delvene Soares  
General Surgery



Kashmala Amjad  
General Surgery



Lekhraj Mal  
General Surgery



M. Asad Moosa  
General Surgery



Amjad Ali Qureshi  
Neurosurgery



Muhammad Waqas  
Neurosurgery



Naveed Zaman Akhunzada  
Neurosurgery



M. Rizwan Nazeer  
Operative Dentistry



Sadia Tabassum  
Operative Dentistry



Fatima Zubair Hassan  
Ophthalmology



Maheen Ahmed  
Orthodontics



Syed Talal Aqueeli  
Orthopaedics



Umair Ashraf  
Orthopaedics



Agha Aftab Hussain  
Otolaryngology



Talha Ahmed Qureshi  
Otolaryngology



Muhammad Asif  
Plastic Surgery



Sami Ullah Abdul Haq  
Plastic Surgery



Faisal Liaquat  
Urology





Malik Aftab Younus  
Urology



Nasir Khan  
Urology

## Graduates of **Fellowship** Program 2017



Adnan Yar Muhammad Khan  
Head & Neck Surgery



Fareed Ahmed Sheikh  
Vascular Surgery

## PGME Graduation Ceremony





# Surgeons' Lives Beyond Theatres

Annual Day 2017







# Annual Day 2017



## Departmental Faculty Brunch at Avari Hotel



## Surgery Faculty at Shooting Range





# Neurosurgery Brunch



# Orthopaedic Retreat



# Pediatric Surgery Dinner







Faculty at Manora



Faculty at Astola island



Masood Umer at Winter treking with kids at Mushkpuri top off Nathiagali



Shahzad Shamim & Ehsan Bari at Davos Switzerland



Faculty at the Beach with Mentees



Muhammad Nazim outside German Parliment





Neurosurgery Alumni get together



Shahzad Shamim with Students



Rizwan Khan at Venice Italy



Rehman Alvi morning walk



View of the Mysterious Astola Island – Captured by Shahzad Shamim



Shahzad Shamim and Aneela Darbar at Taksim Square, Istanbul



# Orthopaedic Picnic for Graduating Residents



# Faculty at Darbelo - Ahmed Ali Shah's Village





# A Thousand Words & More



**Emerald Lake, Yoho National Park, Canada**

*Captured by Riaz Lakdawala*



**River and Sky**

*Captured by Inam Pal*

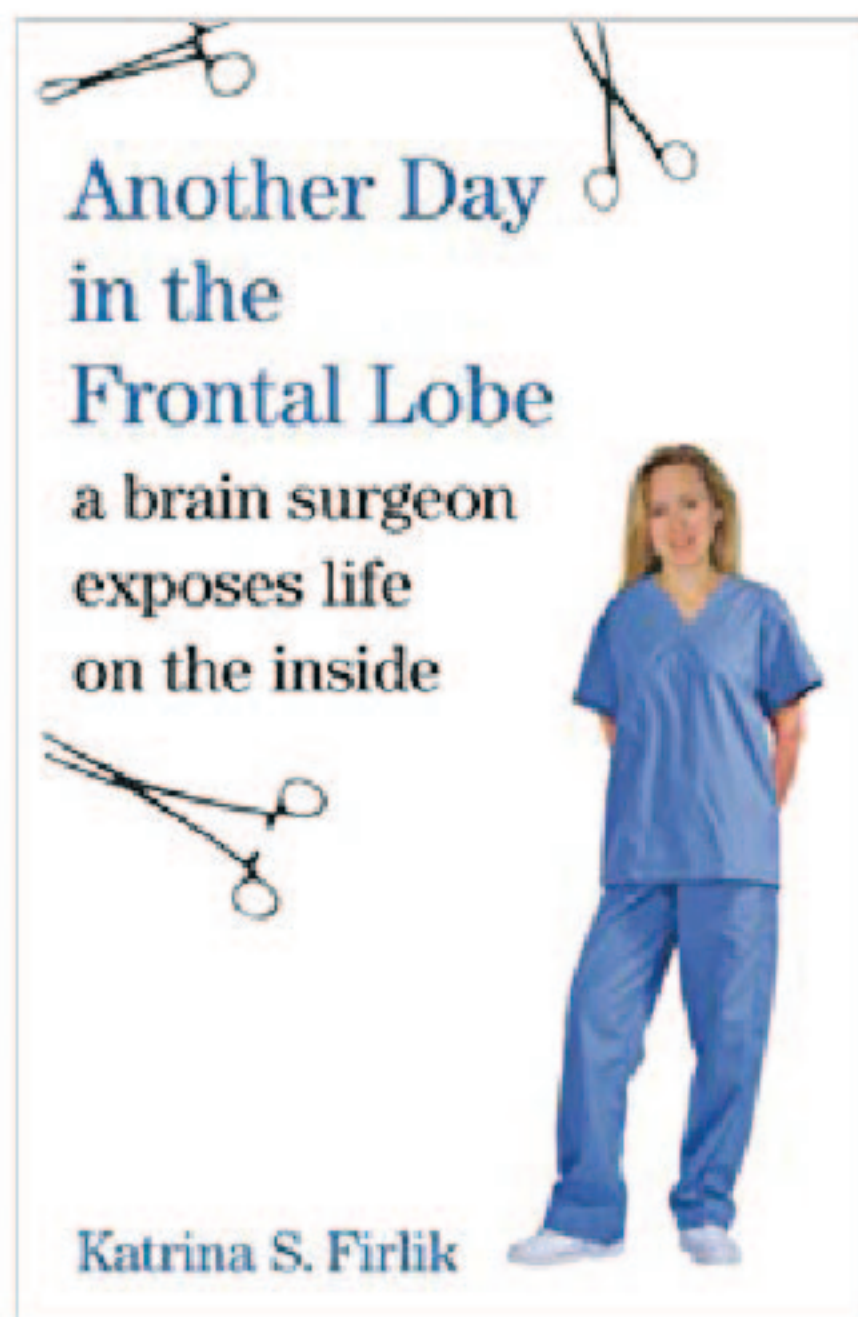


# From a Surgeon's Bookshelf



Shahzad Shamim

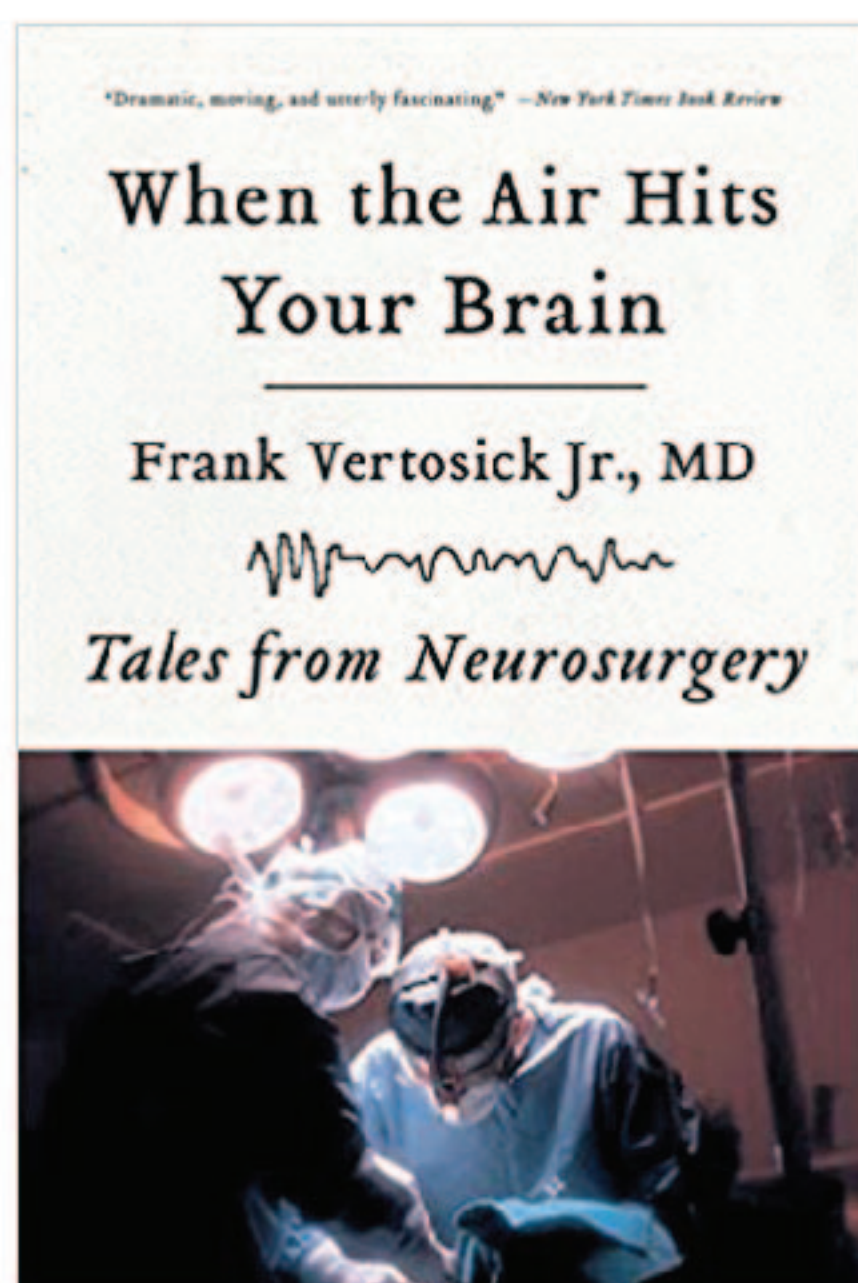
## Books about Neurosurgeons



**Another Day in the Frontal Lobe**, is written by Katrina Firlik, is a memoir of her life as the first female resident in her program, a wife married to another physician, and her experience in exploring the art and science of Neurosurgery. She has done well to simplify the language for the non-medical reader, and has narrated several cases that would surely keep the non-medical reader thoroughly interested. However, at (a lot of) times the book seemed more of a personal diary, as one reviewer points out:

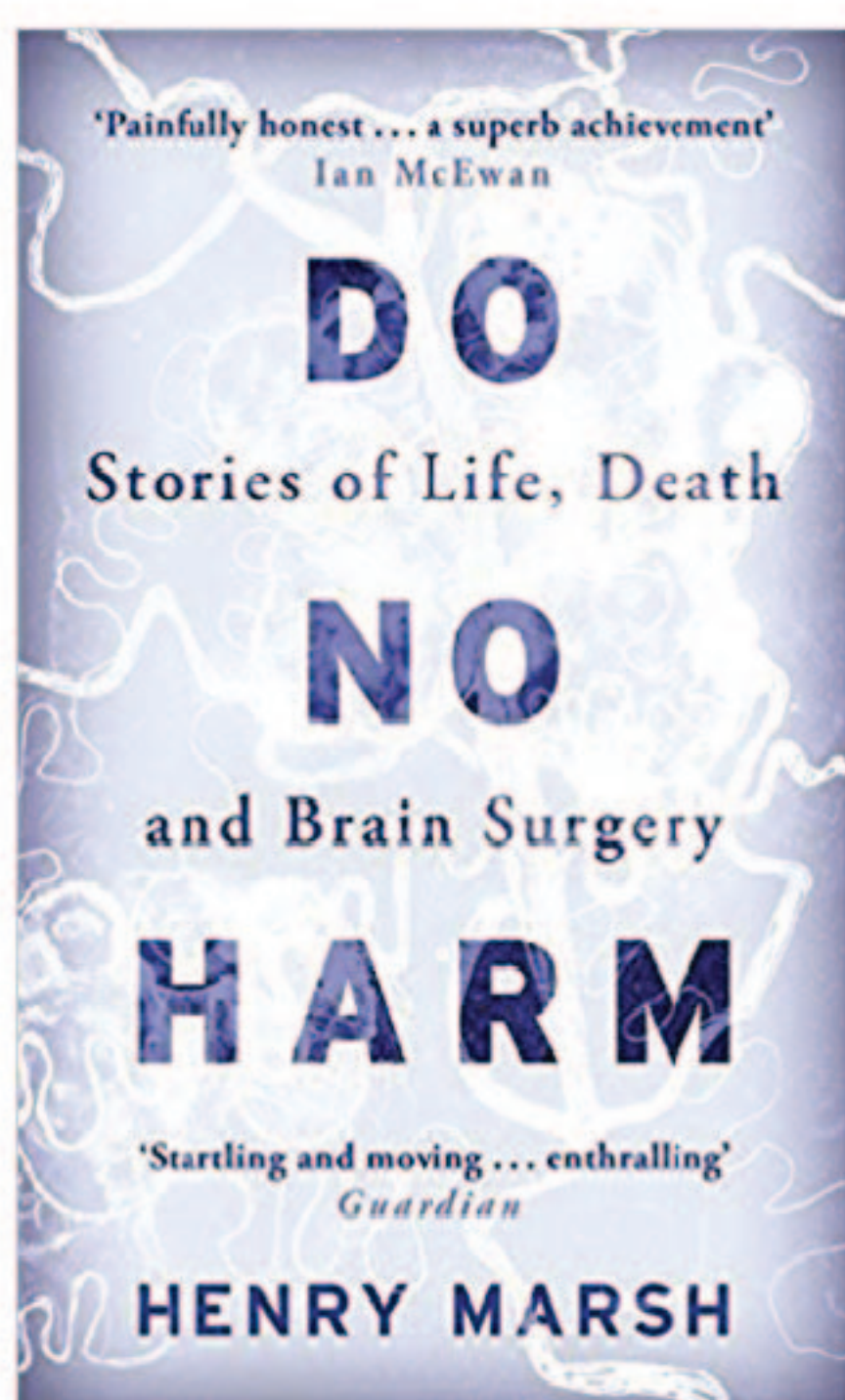
*I kept wondering whether anyone edited it or someone jut handed Firlik a legal pad and said, 'You have an interesting job --- write about it'.*

The book seems to be less about Neurosurgery (or the frontal lobe), and more about her, which hardly makes for a captivating read. A book that is easy to read, and equally easy to forget.



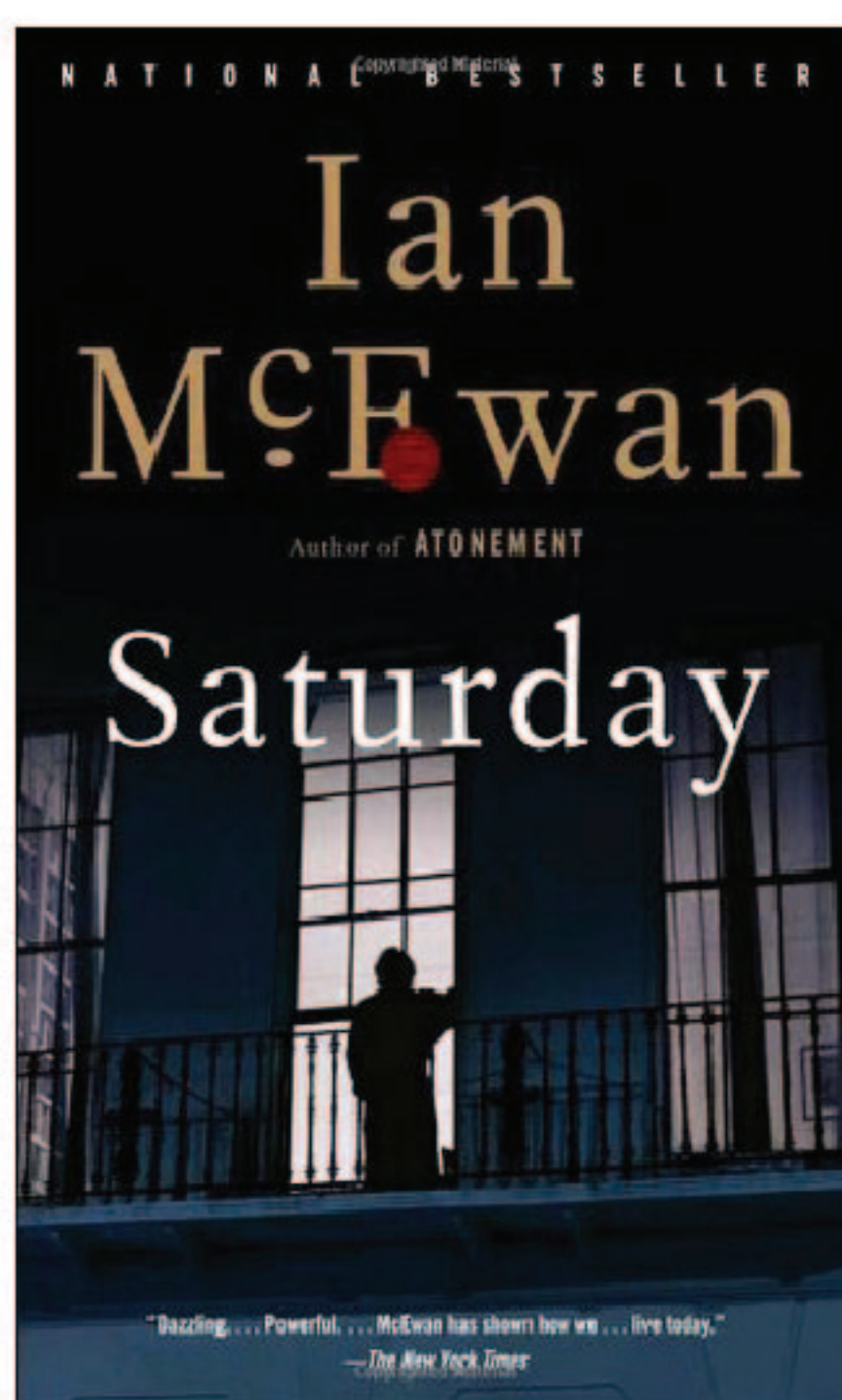
**When the Air Hits the Brain** written by Frank Vertosick Jr. is one of the finest accounts of Neurosurgery training I have come across. Frank has been honest, and 'fascinatingly detailed' in his descriptions. The conversations between Neurosurgery team members are so real, that one can actually relate to them. The cases mentioned in the book are well selected, ranging from the everyday, to the nightmarish, and are beautifully described. Anyone with some exposure of Neurosurgery would surely feel the excitement of these cases. He also introduced the term 'surgical psychopath' that other surgical writers have described in their own terms; and warned against becoming one. The book reminds us that wherever they may be training, the lives, the problems and the joys of surgery residents are quite similar.





**Do No Harm** and **Admissions** by Henry Marsh are two of the most talked about books on Neurosurgeons this decade. **Do No Harm** was published in 2014, and took the public by storm. The book had outstanding reviews and was translated in several languages. **Admissions**, was published in 2017, and compared to **Do No Harm**, left a lot to be desired. Some say it felt like returning to your favorite restaurant, and finding out that they've changed the menu. Where **Do No Harm**, had exciting cases, poignant reflections, and honest confessions about the least talked about facet of Neurosurgery, **Admissions** focuses primarily on Marsh's time spent growing up, his road to becoming a Neurosurgeon, his thoughts about aging, and frequent accounts of his days spent in Nepal, with little reference to all the exciting stuff related to actual Neurosurgery. Some readers

also found him to be increasingly cynical of all things non-British in **Admissions**, as compared to **Do No Harm**, where he is cynical of all things in general. If you haven't read either of these two books, we would recommend reading **Do No Harm** first. If you liked **Do No Harm**, you should definitely give **Admissions** a try too.



**Saturday**, written by one of the finest modern day English language writers Ian McEwan, is both critically acclaimed and commercially successful. This book, in all fairness, should not be compared with the rest of the books in this review, since the rest are written by practicing surgeons with little literary background, and are memoirs rather than a work of fiction. Nevertheless, since the protagonist in this book is also a Neurosurgeon, why not? This is a work of fiction centered on a Neurosurgeon Henry Perowne who finds himself in a rather difficult situation that tests his integrity as a physician, and his tendencies as a person, a father, and a husband. Ian McEwan's writing through out the book is truly, truly enjoyable. While doing his research for **Saturday**, Ian spent a few weeks in one of UK's top neurosurgery

center shadowing a famous surgeon who I have had the privilege to work with, and whose glimpses are easily noticeable in Perowne's character. **Saturday** received the 2005 James Tait Black Memorial Prize for fiction and has been translated into eight languages.



# Harvey Cushing – A Life in Surgery by Michael Bliss

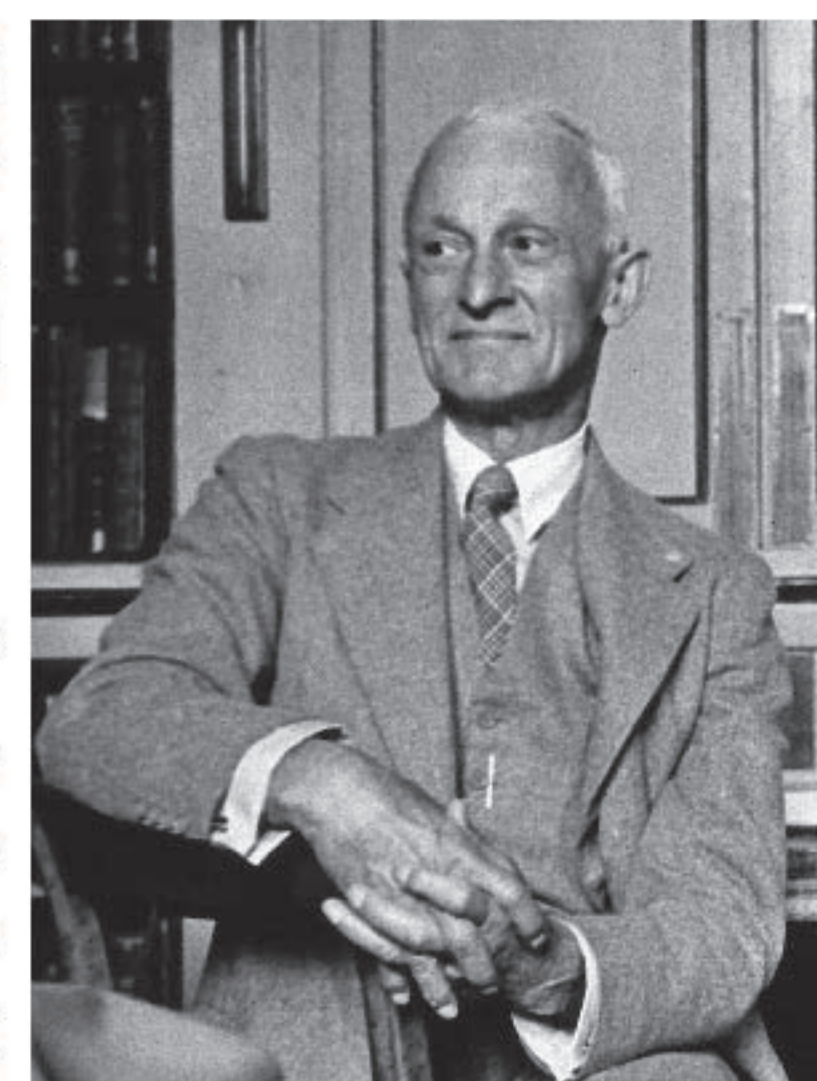
*Respected by many, but loved by few.*



Amir Shariff

This is the sense one gets of Harvey Williams Cushing on reading Michael Bliss's excellent biography. Michael Bliss was a Canadian historian and award winning author whose early works focused on business and political history, but subsequently authored several important medical biographies, including of Sir William Osler.

The book opens with the lines: "Harvey Cushing (1869–1939) was one of the first American medical men to be the world leader in his field. He was one of the first great surgeons produced by the United States, and in the early years of the twentieth century he became the world's first successful brain surgeon". Though it would be a mistake to think of Cushing in just these terms.

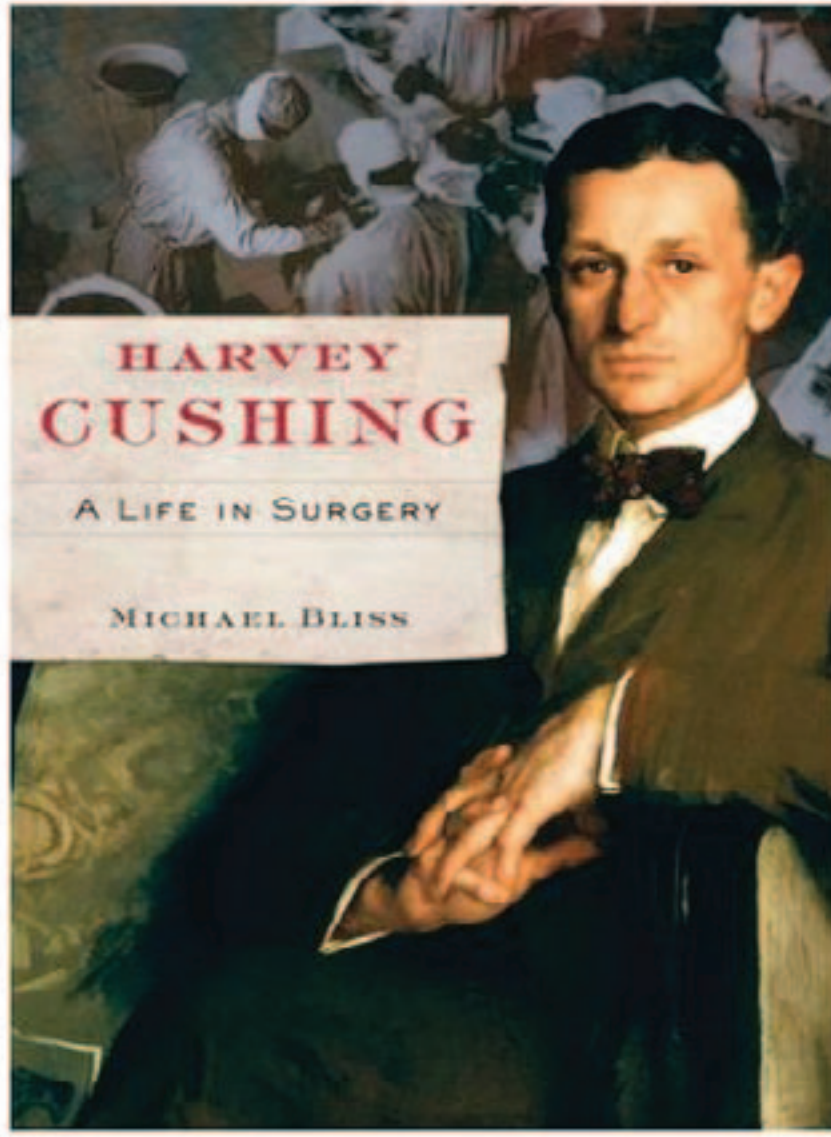


Cushing was born in Cleveland, Ohio in 1869, the youngest of ten children. He graduated with an A.B. degree in 1891 from Yale University and then studied medicine at Harvard Medical School. He completed his internship at Massachusetts General Hospital and then did a residency in surgery under legendary surgeon William Halsted at the Johns Hopkins Hospital in Baltimore. Practicing at Johns Hopkins Hospital, he was placed in charge of all surgeries of the central nervous system. In 1911 he was appointed surgeon-in-chief at the Peter Bent Brigham Hospital in Boston. It was here that over the next two decades he consolidated his practice of neurosurgery. In between, he served in both world wars, where interestingly, he was present when Sir William Osler's only son was killed in war. Cushing would go on to write a Pulitzer prize winning biography on Osler, having been mentored and inspired by this great physician.

Even as a young man, Cushing documented his life in his diaries and letters and often illustrated them with watercolors, cartoons, and sketches of characters and places. This propensity to document carried through his entire career as a neurosurgeon. Being a skilled artist, he drew many medical illustrations that were published in medical journals. While at Hopkins he met Max Brödel, the celebrated professional medical illustrator. Brödel's contributions were enormous and Cushing's skills improved significantly under Brödel's tutelage. Cushing used illustrations to document his patients and their disease, to record operative procedures and pathology, and to detail his pursuits and interests in his travel diaries.

In terms of enduring legacy Harvey Cushing's Brain Tumor Registry stands out. It is an immense collection composed of more than 2200 patient case studies: human whole-brain specimens, tumor specimens, microscopic slides, notes, journal excerpts, and more than 15,000 compelling photographic negatives, and materials dating from as early as 1887 which Cushing maintained himself. The origins of this registry are interesting as well. While at Johns Hopkins, a pituitary specimen that Cushing had resected was "misplaced" by the pathology department. An angry Cushing demanded that all future specimens would be retained by him, and thus the registry was born. After retiring from Harvard, Cushing returned to Yale University, bringing the registry with him. At Yale, Cushing was instrumental in the design and creating of the Yale Medical Library.





Of particular significance to us surgeons, would be the portrayal of Harvey Cushing the man. Passionate about his work, he carried with him a foul temper and was a terror for his residents and staff. There are suggestions of him being not much of a family man (he was married with four children), not being very kind to his wife and generally having little patience for women.

The status of Harvey Cushing as the father of neurosurgery has never been in doubt. His total literary output comprises 13 books and 330 scientific articles. The recipient of 23 honorary degrees, an honorary member of 60 scientific societies, and the author of 16 prize lectures, Cushing was named in 1931 by William Welch as “the most influential man in the medical world today.” Bliss’s book, based on exhaustive research, provides a fascinating insight into the life and times of Cushing and is a recommended read for not just medical professionals but also lay people carrying an interest in medical history.

## Down the Memory Lane

### *10 Years Celebration*

#### Cutting Edge



Official Newsletter of Department of Surgery,  
Aga Khan University; No 1. 2008.



# Surgery through the Ages

**“Pass me the Bovie, please!”**

*Story behind the most commonly used proper name in the operating room.*



Shahzad Shamim

*“Surgery is a conservative art. It takes to new methods reluctantly, as an old dog to new tricks. It was slow to adopt the ligature; slow to adopt the principles of antisepsis; slow to adopt the fastidious technique and painstaking haemostasis that have largely put a stop to operating by the clock. From a technical standpoint, the principles of electrosurgery are likely to be no less revolutionary.”*

Harvey Cushing

**William T. Bovie** (1882 – 1958) is the man credited with the invention of electrocautery as a method of hemostasis, which revolutionized surgical practices and have had an impact perhaps as significant as the concept of sterilization. Bovie was not a medical doctor, but an American scientist and inventor with a Ph.D. in plant physiology from Harvard. Although the idea of using electricity to heat tissues and control bleeding was reasonably well known, and in fact the first patent to use electric current for hemostasis was applied 5-years before Bovie’s application, it never saw the light of day and remains untraceable in the books.

It is uncertain who thought of it first, but it is said that the ‘electrosurgical device’ as a surgical tool was first thought of by Harvey Cushing when one of his colleagues on seeing a demonstration of electrosurgical desiccation of a piece of beef, jokingly asked Cushing how he thought this might work on brains. This may have led Cushing to think about it as only a few months later, when operating at the Brigham and Women’s Hospital he was unable to negotiate an unusually vascular parietal tumor, and had to abandon the surgery; he contacted Bovie who was working just a walk away at Harvard. Bovie agreed to give it a try and reportedly brought his desk-sized device to Cushing’s hospital by rolling it down the street from his lab on a hand-cart. Even in those days, the use of such an apparatus required certain approvals as well as modification of the hospital’s operating room wiring, but there is no historical record of Cushing having these plans approved or even investigated for safety. Cushing decided to re-operate on the parietal tumour using this apparatus.

Michael Bliss in his biography of Cushing, narrates his observations of a rather carnival atmosphere in the hospital at the time of the re-operation. There were numerous visitors, a surgical assistant who had to scrub out perhaps to relieve himself of the effects of “Bovie” fume. Others exhibited coughing throughout the procedure, and a medical student even passed out. Nevertheless, the surgery was a success.



This initiated a brief but historic collaboration between Cushing and Bovie, as Cushing once wrote to a colleague,

*“I have been having a perfectly amazing time with Bovie, who has an electro-surgical apparatus powerful enough to electrocute a mastodon, and nearly as big. It is amazing that either the patient, Bovie, or the operating staff survive. Since this machine that he runs for me might electrocute anybody any minute, I am trying to make hay while the sun shines, viz., while Bovie is around. tackling brain tumors that I never before thought I could possibly attack.”*

However, the apparatus had its own problems too. Preston L. Carter in his Historian’s Lecture published in American Journal of Surgery narrates the following:

*Although Cushing’s growing experience with electrosurgery led more to success than failure, there were moments of technical excitement along the way. In one case, the current short-circuited through a metal retractor, traveled up Cushing’s arm, and exited via his headlight! In recounting the matter, Cushing dryly noted that it was “unpleasant to say the least.” On another memorable occasion, Cushing “Bovied” into the frontal sinus while the patient was under ether anesthetic, igniting the vapor, which “went off in a blue flame,” fortunately without injury to the patient. It is written that in some future cases, the team tried to reduce explosive risks by administering the ether per rectum!*

This fruitful collaboration between the two led to the publication of Cushing’s landmark paper, with introductory comments from Bovie, and written in Cushing’s classical poetic style. The quote at the start of this write-up has been borrowed from that very paper.

Based on his contributions, Bovie went on to receive the prestigious John Scott Medal, whose previous recipients include Marie Curie, Frederick Banting, Thomas Edison, and Guglielmo Marconi, and in 1931, patented his apparatus as its sole inventor. However, for some obscure reason, for just one dollar, yes, one dollar, he conveyed all his patent rights to the device’s manufacturing company. Not surprisingly, Bovie had to live a rather simple life, initially having difficulty finding a reasonable position, and later spending his last productive decade in a small liberal arts school as a lecturer in social technology.

He died on New Year’s Day in 1958 as a poor man in a poor state of health, and his funeral expenses are said to have been borne by friends and neighbors.

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# From Our Alumni

**Saira Nizami Khawaja**

General Surgery Residency Program



Consultant Breast Surgeon at Prince Philip Hospital, Llanelli, Wales, UK

**Nida Wahid**

General Surgery Residency Program



Consultant General Surgeon at Patel Hospital, Karachi



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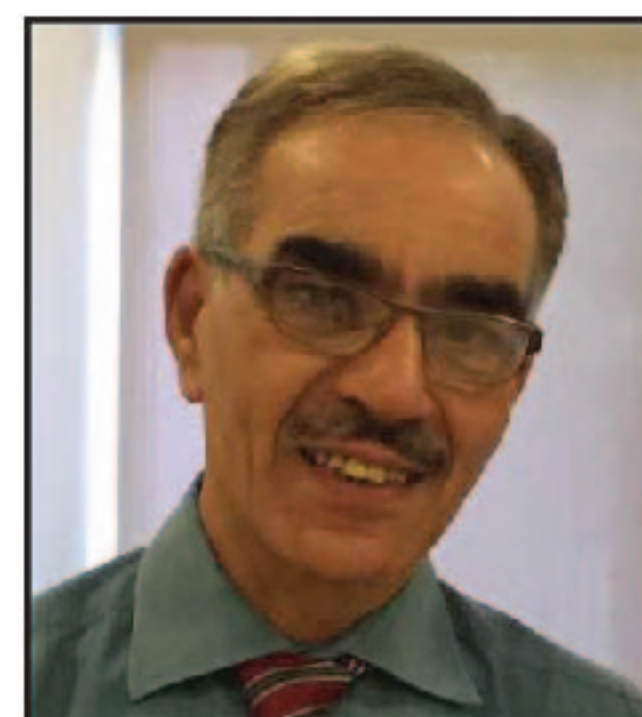
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